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TECH CENTER 1600



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/580,380

DATE: 06/06/2003

TIME: 14:33:14

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\06062003\I580380.raw

```

4 <110> APPLICANT: Gibson, Bradford W.
5      Kuntz, Irwin D.
6      Tang, Ning
7      Dollinger, Gavin
8      Oshiro, Connie M.
9      Hempel, Judith C.
10     Taylor, Eric W.
12 <120> TITLE OF INVENTION: Method of determining the
13     three-dimensional shape of a macromolecule
16 <130> FILE REFERENCE: UCSF-P001
18 <140> CURRENT APPLICATION NUMBER: US 09/580,380
19 <141> CURRENT FILING DATE: 2000-05-26
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 14
27 <212> TYPE: PRT
28 <213> ORGANISM: Human
30 <400> SEQUENCE: 1
31 Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala Ser Lys
32 1                5                10
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 9
37 <212> TYPE: PRT
38 <213> ORGANISM: hUMAN
40 <400> SEQUENCE: 2
41 Thr Gly Gln Tyr Lys Leu Gly Pro Lys
42 1                5
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 16
47 <212> TYPE: PRT
48 <213> ORGANISM: Human
50 <400> SEQUENCE: 3
51 Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg
52 1                5                10                15
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 10
57 <212> TYPE: PRT
58 <213> ORGANISM: Human
60 <400> SEQUENCE: 4
61 Leu Tyr Lys Asn Gly Gly Phe Phe Leu Arg
62 1                5                10
65 <210> SEQ ID NO: 5

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66 <211> LENGTH: 8
67 <212> TYPE: PRT
68 <213> ORGANISM: Human
70 <400> SEQUENCE: 5
71 Glu Lys Ser Asp Pro His Ile Lys
72 1 5
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 153
77 <212> TYPE: PRT
78 <213> ORGANISM: Human
80 <400> SEQUENCE: 6
81 Ala Pro Val Arg Ser Leu Asn Cys Thr Leu Arg Asp Ser Gln Gln Lys
82 1 5 10 15
83 Ser Leu Met Val Met Ser Gly Pro Tyr Glu Leu Lys Ala Leu His Leu
84 20 25 30
85 Gln Gly Gln Asp Met Glu Gln Gln Val Val Phe Ser Met Ser Phe Val
86 35 40 45
87 Gln Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Lys Glu
88 50 55 60
89 Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr Leu
90 65 70 75 80
91 Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Lys Met Glu
92 85 90 95
93 Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu Phe
94 100 105 110
95 Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala Glu
96 115 120 125
97 Asn Met Pro Val Phe Leu Gly Gly Thr Lys Gly Gly Gln Asp Ile Thr
98 130 135 140
99 Asp Phe Thr Met Gln Phe Val Ser Ser
100 145 150
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 145
105 <212> TYPE: PRT
106 <213> ORGANISM: Human
108 <400> SEQUENCE: 7
109 Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His
110 1 5 10 15
111 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu
112 20 25 30
113 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp
114 35 40 45
115 His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile
116 50 55 60
117 Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg
118 65 70 75 80
119 Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu Arg
120 85 90 95
121 Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser Ser

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122				100					105				110			
123	Trp	Tyr	Val	Ala	Leu	Lys	Arg	Thr	Gly	Gln	Tyr	Lys	Leu	Gly	Pro	Lys
124			115						120				125			
125	Thr	Gly	Pro	Gly	Gln	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Met	Ser	Ala	Lys
126		130					135					140				
127	Ser															
128	145															

VERIFICATION SUMMARY

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